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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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SECRET

COUNTRY Czechoslovakia

REPORT

25X1

SUBJECT C-11 Aircraft

DATE DISTR. 16 September 1954

NO. OF PAGES 5

DATE OF INFO.

REQUIREMENT

25X1

PLACE ACQUIRED

REFERENCES

25X1

This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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25 YEAR RE-REVIEW

SECRET

USAF review completed.

STATE	#X	ARMY	#X	NAVY	#X	AIR	#X	FBI		AEC				
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(NOTE: Washington distribution indicated by "X"; Field distribution by "#".)

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REPORT

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DATE DISTR. 26 July 1954

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1. Reference Enclosure # 1, this report, [redacted] sketches or the C-11 type aircraft. 1. [redacted]

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Physical Characteristics:

- a. Engine: radial, seven-cylinder, air-cooled, [redacted] performance 900 HP, Maximum 2,500 rpm.; pumps: air, oil, fuel, and a scavenger pump.

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- b. Wings: - location: low-wing; leading and trailing edge of wing roots located forward and aft of cockpit, respectively.

- span and dihedral: [redacted]

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- shape: curved tips (Refer to sketch, plan view in Enclosure #1, this report)

- thickness: 25-30 cm. maximum

- trim tabs: referred [redacted] as being conventional, manually controlled by pilot from cockpit.

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- booms: two, main and a secondary which was smaller.

- material of construction: "dural" metal

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25 YEAR RE-REVIEW

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c. Fuselage:

- general shape: round from engine nacelle to cockpit, oval from cockpit to empennage.
- location of cockpit: see enclosure 17
- bomb wing racks: two, one on each wing, called ETC (), each capable of carrying a bomb up to 75 kg. They had an electrical and a hand-operated release mechanism.
- fabric-covered section: see enclosure 17
- four wing mounts, four engine mounts, four horizontal stabilizer mounts, three vertical stabilizer mounts.

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d. Empennage Refer to Enclosure 17:

- fin: symmetrical shape, all-metal.
- rudder: fabric-covered.
- tabs: manually controlled by pilot from cockpit.

e. Landing gear: conventional, retractable, retracting outward into wing, pneumatically controlled. Non-retractable tail wheel.

- flaps: split type.

f. Propeller: two blade, approximately three meters long; oil-controlled prop. ()

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g. Fuel Tanks: two main fuel tanks, capacity () located inboard area of each wing. Two auxiliary fuel tanks, located outboard of main tanks, fuel lines connecting with the main tanks.

- oil tank, oval, 35 lit. capacity.

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h. Color of the Tubing System:

- | | |
|-------------------------|-----------------------------|
| Yellow | - fuel |
| Brown | - oil |
| Blue | - air |
| Green | - water |
| Black with blue stripes | - hydraulics |
| Red | - fire-extinguishing system |

i. Armament: One synchronized nose gun, approximately 12.5 mm. calibre. () it was a UBT type () located on the left side of the nose see enclosure 17.

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j. Radio: RPK () transmitter-receiver.

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k. Compass: Czechoslovak origin, called "mother compass" ("Matersky Kompas").

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1. Oxygen Tanks: two, demand type, capacity [redacted]
However, duration of oxygen was for about 1 1/2 hours; tanks were located on the left side of each pilot seat. There was no emergency oxygen supply such as bailout bottles. The oxygen mask was a conventional type. It covered the face from the bridge of the nose to the underside of the chin and was snapped to a helmet.

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2. General Information:

The C-11 aircraft was a two-seat, tandem-type, low-wing monoplane used solely for training purposes. Maximum air speed 400-420 km. [redacted] However, he maintained that the winterization procedure and the periodical inspections were performed in the same manner as with any other aircraft. [redacted]

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1.

2.

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NOTE: [redacted]

this aircraft was solely a trainer and the Czech
for a training aircraft [redacted]

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Enclosure # 1: [redacted] Sketch of C-11 Aircraft

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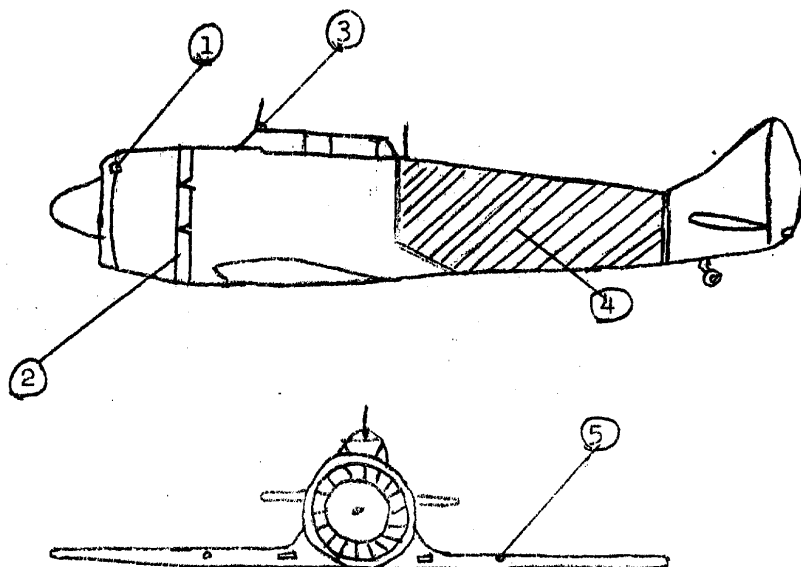
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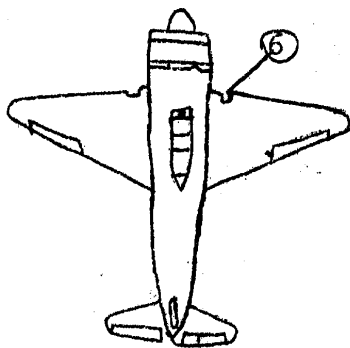
Enclosure # 1: ☐ Sketch of C-11 Aircraft

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LEGEND:

- ① Mouth of Synchronized Machine Gun
- ② Cowl Flaps
- ③ Radio Antenna
- ④ Fabric-Covered Section
- ⑤ Gun Camera
- ⑥ Oil-Cooler Air Scoop



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